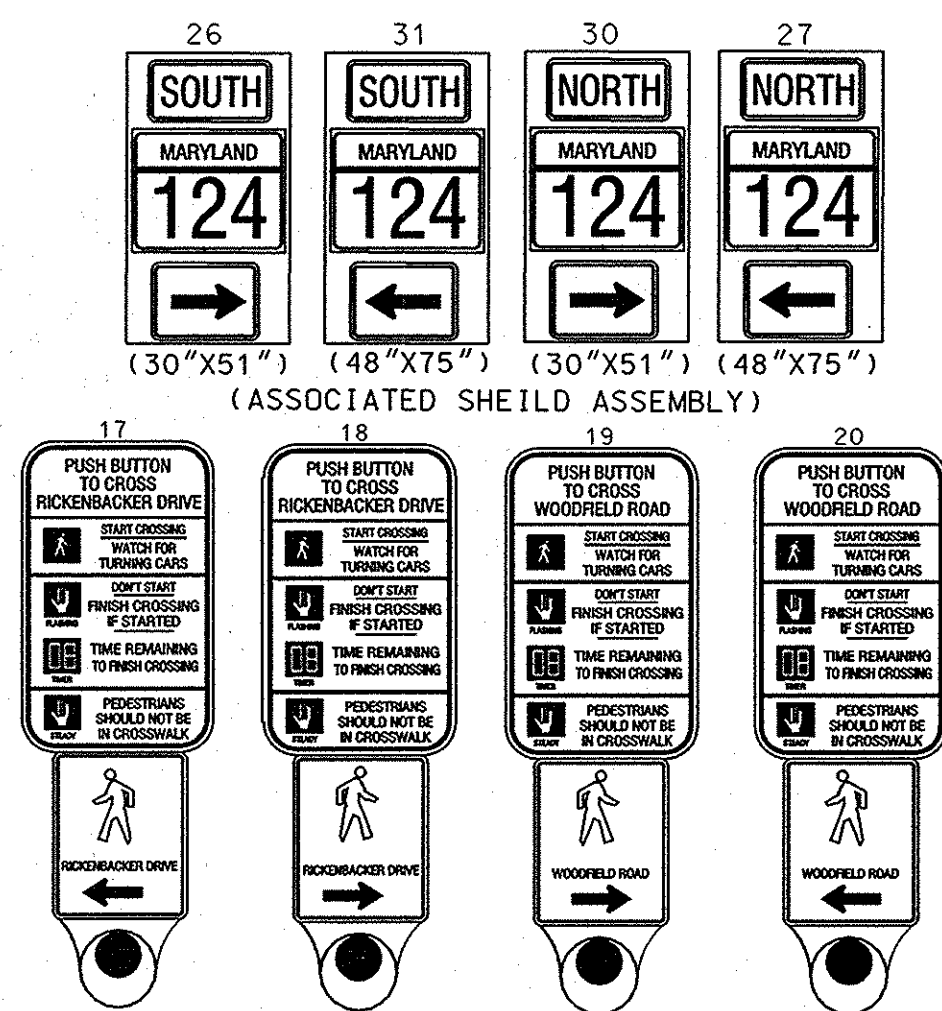
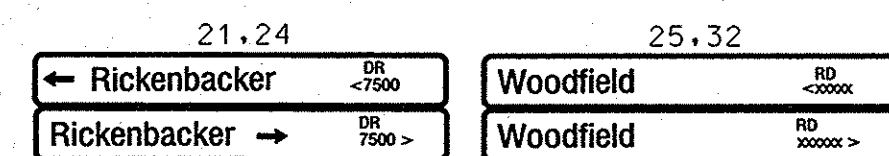


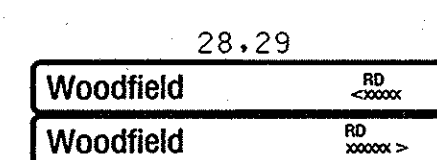
## EXISTING SIGNS TO REMAIN



R10-3(1) (9"X15")  
TO BE INSTALLED WITH APS PUSHBUTTON

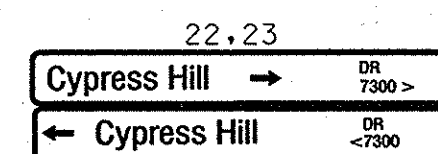


D3-1(1) (VAR. X16") (DUAL FACED)  
D3-1(1) (VAR. X16") (DUAL FACED)



D3-1(1) (VAR. X16") (DUAL FACED)

## EXISTING SIGNS TO BE RELOCATED



D3-1(1) (VAR. X16") (DUAL FACED)

## EXISTING SIGNALS TO BE RELOCATED

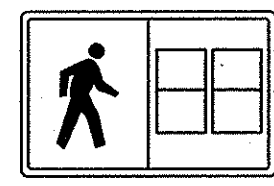


12" R  
Y  
G  
2,3,5

## EXISTING SIGNALS TO REMAIN

12" R  
Y  
G

16" LED COUNTDOWN PEDESTRIAN SIGNAL



1,4,6,7,8,9,10,11,12

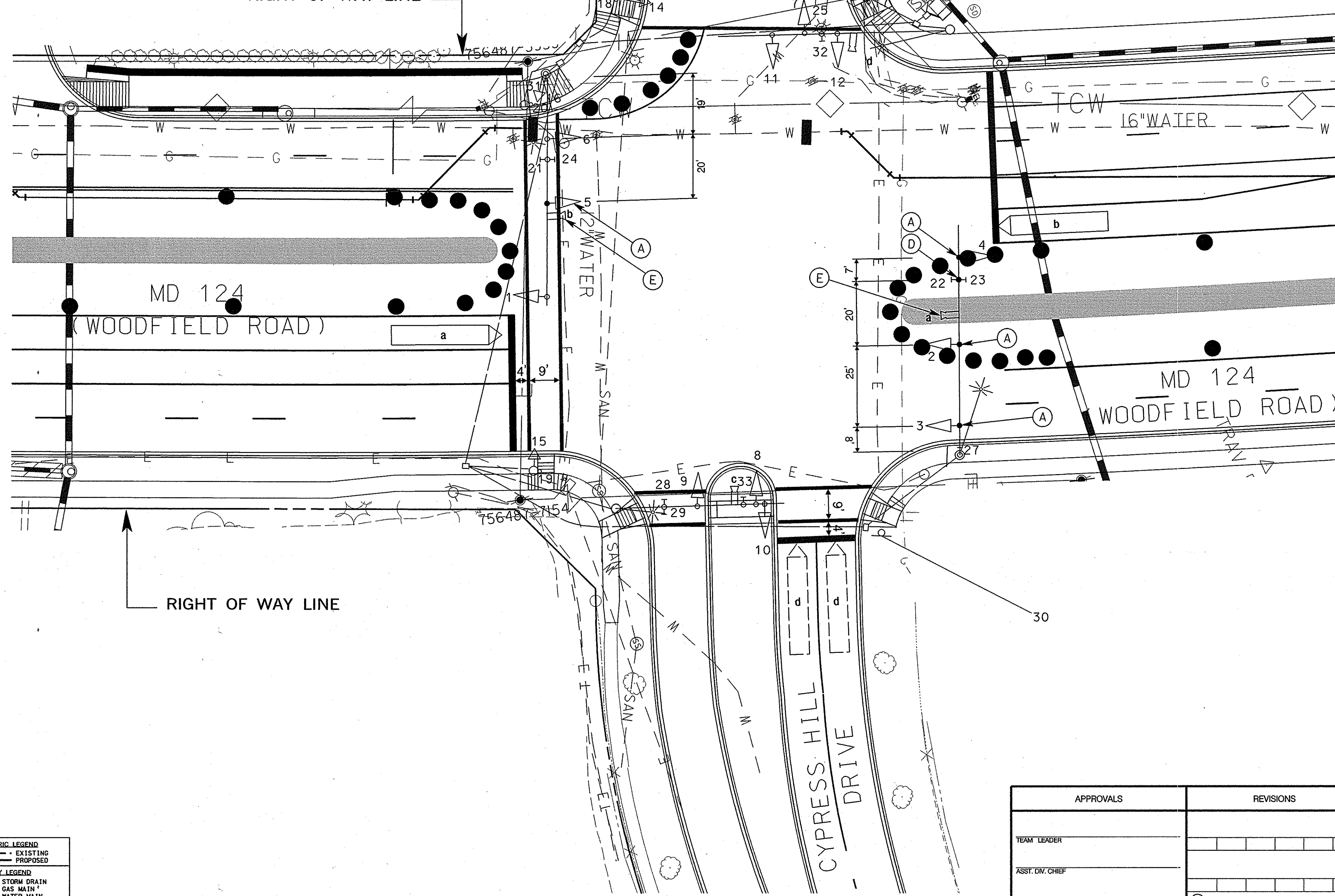
## EXISTING VIDEO DETECTION CAMERA TO REMAIN



## EXISTING VIDEO DETECTION CAMERA TO BE RELOCATED

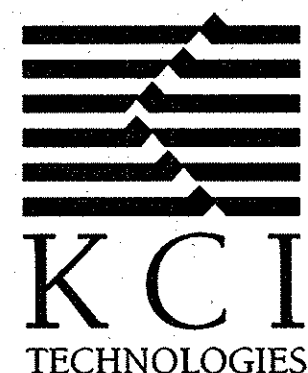


RIGHT OF WAY LINE



## CONSTRUCTION DETAILS

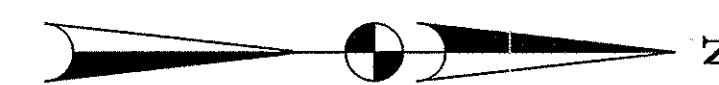
- RELOCATE EXISTING SIGNAL HEAD.
- RELOCATE EXISTING OVERHEAD SIGN.
- RELOCATE EXISTING VIDEO DETECTION CAMERA.



ENGINEERS  
PLANNERS  
SCIENTISTS  
CONSTRUCTION MANAGERS

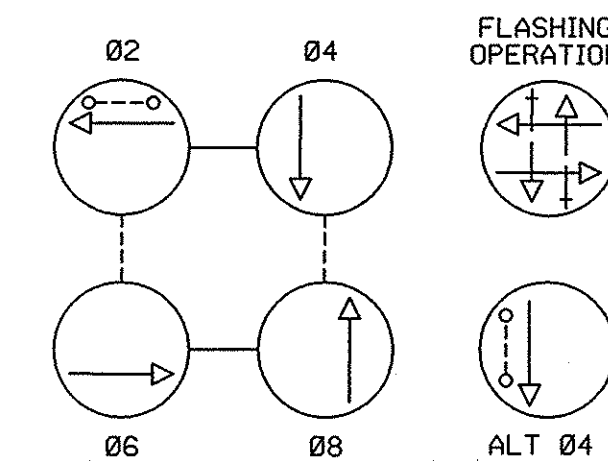
10 NORTH PARK DRIVE  
HUNT VALLEY, MD 21030  
PHONE: (410) 316-7800  
FAX: (410) 316-7817  
www.kci.com

GEOMETRIC LEGEND	
—	EXISTING
- - -	PROPOSED
UTILITY LEGEND	
—	STORM DRAIN
—	GAS MAIN
—	WATER MAIN
—	SEWER MAIN
—	ELECTRIC CABLES
—	AERIAL CABLES
—	TELEPHONE CABLES
—	FIBER-OPTIC

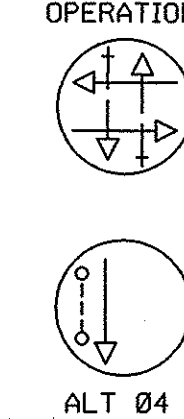


MD 124 IS ASSUMED TO RUN IN  
A NORTH SOUTH DIRECTION

## NEMA PHASING



## FLASHING OPERATION



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

## GENERAL NOTES:

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- CONTRACTOR SHALL BAG ALL SIGNAL HEADS NOT ACTIVELY IN USE DURING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN CROSSING PATHS IN ACCORDANCE WITH MUTCD DURING ALL PHASES OF CONSTRUCTION.
- APS PUSH BUTTONS MAY BE USED AS A STANDARD PUSH BUTTON DURING TEMPORARY PHASING UNTIL ALL NEW PUSH BUTTONS FOR EACH CROSSING ARE INSTALLED.



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 124 (WOODFIELD RD) AND CYPRESS HILL DRIVE / RICKENBACKER DRIVE  
STAGE V

## TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE NA CONTRACT NO. M06325171

DESIGNED BY \_\_\_\_\_ COUNTY MONTGOMERY  
DRAWN BY J. ALLEN JR. LOGMILE 15012407.96  
CHECKED BY S. RENZI TMS NO. H079  
FAP NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 4104A-P4 DRAWING SP-21 OF 39 SHEET NO. 279 OF 377

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	
	A MD 124 WIDENING 02/2008 KCI

PLOTTED: 02:59 PM on Tuesday, March 04, 2008  
FILE: M:\2007\01070459.dwg\drawing\p002-MD124.dgn